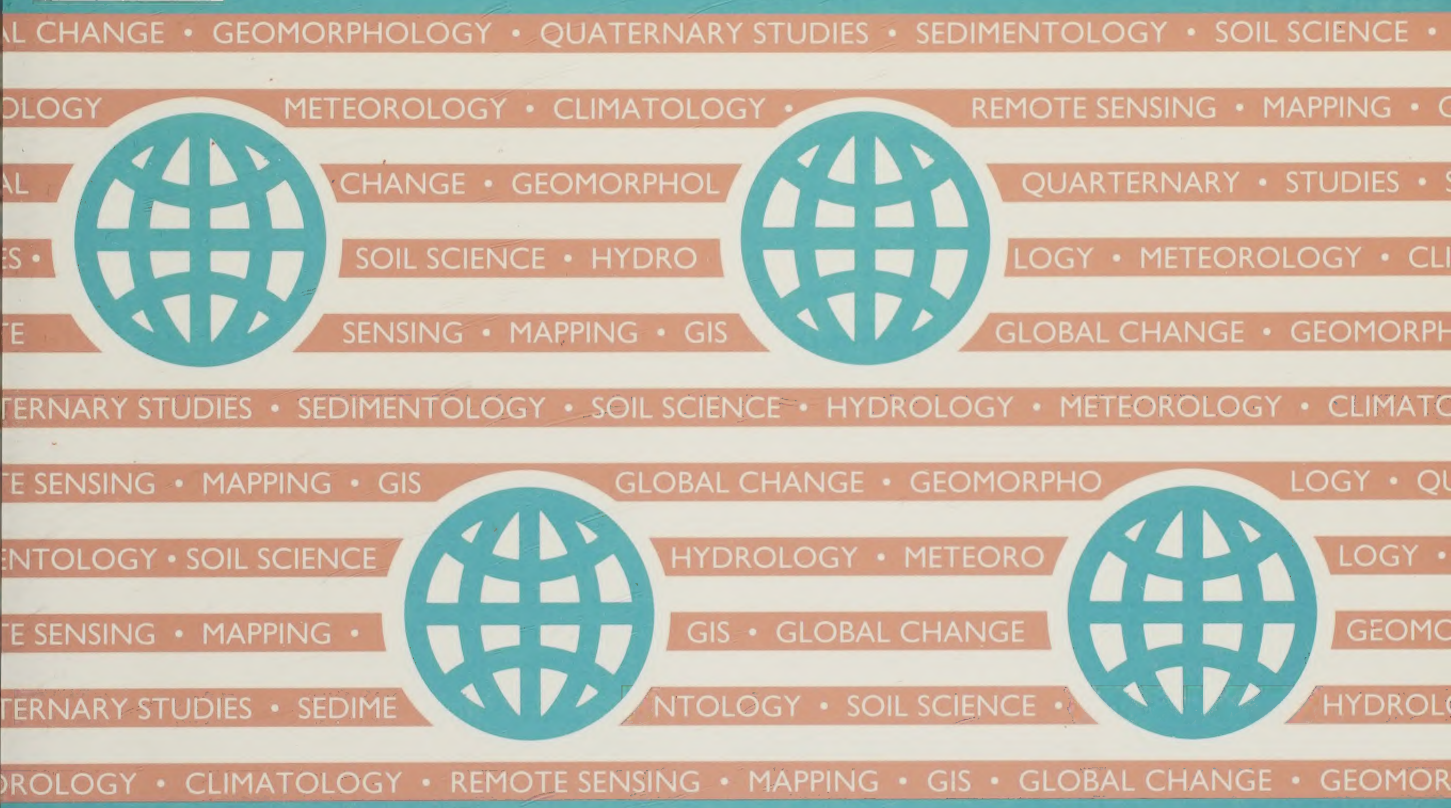
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GEOGRAPHICAL ABSTRACTS

PER



PHYSICAL GEOGRAPHY

ANNUAL INDEX

ELSEVIER/GEO ABSTRACTS

GEOGRAPHICAL ABSTRACTS: Physical Geography

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Geographical Abstracts: Physical Geography is a unique bibliographic information source providing comprehensive coverage of the physical geography literature.

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The information contained in *Geographical Abstracts: Physical Geography* is derived from over 1000 leading geographical journals, plus books, conference proceedings, reports, and theses. For further details on scope refer to the contents page. A full list of the journals scanned for *Geographical Abstracts: Physical Geography* is published in the annual index.

Abstracts

Geographical Abstracts: Physical Geography provides full bibliographic details of the publications covered, plus an informative abstract. Author abstracts are used where possible. For articles in languages other than English, the original language title and English translation are given.

Indexes

The annual index contains subject, geographical and author indexes. Each abstract is indexed by terms that highlight the main points of the original material. Each abstract is assigned geographical index terms where appropriate. The index is published separately at the end of each publication year.

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GEOGRAPHICAL ABSTRACTS: PHYSICAL GEOGRAPHY

Annual Index 1996

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Using the index

Subject Index

A single string of keywords is provided for each abstract, each element of which has a separate entry in the index, and appears with the other elements of the string followed by any regional terms from the abstract. The number **immediately following** is the reference number for the abstract.
For example, the string:

cartography, groundwater pollution, vulnerability index, Canada, Quebec, Montcalm; 07629

will appear as:

cartography
groundwater pollution, vulnerability index, Canada, Quebec, Montcalm; 07629

groundwater pollution
vulnerability index, cartography, Canada, Quebec, Montcalm; 07629

vulnerability index
groundwater pollution, cartography, Canada, Quebec, Montcalm; 07629

Where a keyword occurs more than once the entries are blocked and sorted in alphabetical order by the second keyword. For example:

vulnerability index
groundwater pollution, cartography, Canada, Quebec, Montcalm; 7629. land loss, land movement, sea level change, shoreline change, Gulf of Mexico; Carribean Sea; 01366.

Where a general term is being used in a search, it is probably more efficient to look up a specific term first and then use the more general term as a qualifying term.
For example:

(1) **acid mine drainage** and then (2) **groundwater quality** rather than
(1) **groundwater quality** (2) **acid mine drainage**

All the index terms are selected by the editors, so a reasonable degree of consistency can be expected. However, the index does not use a bound vocabulary or thesaurus so it is worth searching all alternative or similar terms.
For example:

carbon-14 see also **radiocarbon**
groundwater pollution see also **groundwater contamination** and **groundwater quality**

In some cases abbreviations have been used as index terms. A listing of abbreviations and accronyms used is provided on pp vii-xi.
For example **GIS** - geographic information systems
ODP - Ocean Drilling Program

Wherever possible terms are indexed in the singular - except in cases where to do so would change the meaning of the term.

Author Index

Each author is indexed separately from co-authors, each entry being followed by one or more abstract reference numbers. Please remember to check for listings under various possible combinations of initials.

For example Edwards, K. 06328, 09888
Edwards, K. J. 05690, 12415
may or may not refer to the same individual.

In cases where there are more than six authors, we list the first one cited followed by '& others', so only the first author will appear in the index.
Although in general only the last name is indexed as the surname, in certain cases each separate element of a surname will have an entry. These are:

where surnames contain prefixes; e.g. La, De

where Latin surnames contain both parental names; e.g. A. Garcia Alvarez

where Chinese and some Indo-Chinese names are used; e.g. Peng Chu Zhang

If in doubt, check all possibilities.

Regional Index

Although regional index terms are integrated within the subject index to give context to the keyword string, there is also a separate regional index. This operates on a hierarchical system. Under each country (or broader regional term where appropriate) the terms are progressively indented to the right, to indicate increasing specificity, and the string is only complete when an abstract reference number appears.
For example:
UK, England, Cheshire, Dee Estuary

would appear thus:

UK
England
Cheshire
Dee Estuary; 06380

Another location in the same area (eg. Wirral) would appear at the same level of indentation:

UK
England
Cheshire
Wirral; 05051

Note: All abstracts are indexed as specifically as possible so that, for example, the abstract numbers referenced under "Africa" will NOT contain ALL references to African studies, only those which cannot be narrowed down to a geographically smaller area, and so users will need to check individual country listings. Also, within a country listing the items entered under a town or regional name will NOT appear in the listing of numbers for the general entry for its home country.

Journal Listing

This is a simple alphabetical listing of nearly 1000 periodicals cited in **Geographical Abstracts: Physical Geography** during 1996. A full listing of journals scanned by Elsevier/Geo Abstracts is available from the publisher.

GEOGRAPHICAL ABSTRACTS: PHYSICAL GEOGRAPHY

1996 Cumulative Contents Page

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Pollution	2	179	363	538	714	869	1047	1225	1403	1588	1765	1901
Biogeochemical cycles	6	180	365	539	717	871	1049	1227	1405	1589	1766	1903
Modelling & numerical methods	6	181	365	540	718	873	1050	1229	1406	1590	1767	1904
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Weathering & related landforms	8	185	368	544	-	874	1052	1231	1409	1592	1768	1907
Fluvial landforms	8	185	369	545	722	875	1052	1231	1410	1593	1768	1908
Coastal landforms	9	186	370	546	724	877	1053	1233	1411	1593	1770	1908
Volcanic landforms	10	186	-	548	-	879	-	-	1411	1595	1771	1909
Arid landforms	11	-	371	549	-	-	1053	1234	1411	1595	1771	1909
Regional physiography	11	186	-	549	726	879	-	1234	1412	1596	1772	1910
Neotectonics & structural control	11	187	-	550	726	879	1053	1235	1412	1596	1772	1910
Landforms of other planets	11	187	-	550	727	880	1053	1235	1412	-	-	1910
Slopes	12	187	371	551	727	880	1054	1235	1413	1596	1772	1911
Soil Mechanics	13	189	371	552	728	882	1056	1237	1415	1597	1775	1912
Karst	14	190	372	553	-	883	1060	1239	1415	1598	1775	1912
Anthropogenic landforms	-	198	374	-	728	883	1061	1239	1416	1598	-	1912
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Palaeoclimatology	16	199	376	554	729	885	1064	1240	1419	1599	1776	1913
Oceans	17	202	378	555	731	885	1066	1242	1421	1600	1778	1914
Tropics & sub-tropics	19	203	379	556	732	887	1067	1242	1422	1601	1778	1916
Mid-latitude & extra-glacial	21	203	380	557	734	888	1067	1243	1423	1603	1780	1916
Glacial landforms & sediments	23	204	381	559	735	891	1070	1247	1427	1607	1781	1918
The Holocene	24	205	386	562	737	894	1071	1248	1429	1608	1781	1918
Sea level	26	207	389	564	738	895	1074	1251	1432	1610	1782	1919
Periglacial	28	-	389	-	739	896	1074	1251	1432	1611	1782	1921
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- physical properties	31	210	392	565	741	899	1077	1255	1434	1614	1786	1923
- transport	32	211	393	568	742	901	1079	1257	1435	1616	1788	1924
- deposition	34	213	396	570	745	902	1080	1259	1436	1618	1791	1926
- diagenesis	37	216	397	571	747	904	1081	1261	1437	1620	1792	1928
- geochemistry	39	220	399	574	749	906	1083	1264	1439	1623	1793	1932
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- coastal & shallow marine	42	223	402	578	751	909	1086	1267	1442	1628	1798	1936
- oceanic	47	228	405	579	754	910	1087	1269	1443	1629	1800	1937
Applied sedimentology	47	228	405	580	754	911	1088	1270	1443	1629	1802	1938
Sequence stratigraphy	49	233	408	583	757	916	1090	1273	1445	1632	1803	1939
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Methods	53	236	410	586	760	919	1092	1276	1453	1637	1806	1941
Genesis & formation	56	238	413	587	762	921	1095	1279	1456	1639	1807	1943
Processes	56	240	413	589	763	923	1096	1280	1457	1640	1807	1944
Properties	61	247	422	596	770	930	1104	1288	1464	1647	1813	1949
Contamination	66	250	425	599	773	933	1107	1290	1466	1650	1814	1952
Erosion	69	255	428	602	776	938	1110	1293	1470	1654	1819	1954

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Precipitation assessment	72	256	431	605	779	940	1112	1295	1472	1657	1820	1956
Precipitation quality	72	257	431	-	779	941	1112	1296	1472	1657	-	1956
Interception, throughfall & stemflow	72	257	432	606	779	941	-	-	-	-	1820	1957
Evaporation & transpiration	73	258	432	606	779	941	1113	1297	1472	1658	1820	1957
Runoff, streamflow & basins	74	258	432	607	780	941	1114	1297	1473	1658	1820	1958
Channel hydraulics & sediment transport	76	261	434	609	782	943	1115	1300	1477	1663	1823	1961
Lakes & reservoirs	79	263	435	612	783	944	1116	1302	1479	1663	1824	1961
Wetlands & estuaries	80	264	436	612	784	945	1118	1303	1480	1665	1825	1962
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- general	82	265	438	613	784	947	1121	1305	1481	1667	1828	1964
- runoff & soil water	85	268	440	615	-	950	1123	1308	1483	1670	1830	1966
- rivers & streams	86	268	440	615	785	950	1124	1308	1484	1670	1830	1966
- lakes & reservoirs	88	269	442	618	786	954	1126	1310	1486	1673	1832	1969
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- general	88	270	443	619	787	958	1128	1311	1488	1677	1835	1971
- vadose zone	89	271	443	619	788	960	1128	1314	-	1678	1836	1972
- phreatic zone	89	272	444	619	789	962	1129	1314	1489	1678	1836	1972
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- general	91	275	445	621	790	963	1131	1316	1492	1679	1837	1974
- vadose zone	91	276	446	622	791	964	1133	1317	1494	-	1839	1975
- phreatic zone	92	277	447	622	791	964	1134	1318	1494	1679	1839	1975
Glacial hydrology	94	279	450	625	-	964	-	1319	1495	1681	1843	1976
Land use, forestry & agriculture	95	280	451	625	791	965	1136	1319	1496	1681	1844	1977
Water resources & management	96	281	453	626	792	965	1139	1321	1497	1682	1844	1978
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Instrumentation	101	285	458	633	794	968	1143	1325	1499	1684	1847	1982
Radiation	103	287	460	635	796	968	1144	1326	1501	1685	1848	1983
Atmospheric electricity	104	289	462	637	797	970	1146	1328	1502	1687	1849	1985
Optics	105	-	462	637	799	971	1147	1329	1503	1688	-	1986
Regional weather patterns	106	289	463	637	800	971	1148	1330	1504	1688	1850	1986
Synoptic meteorology	107	292	466	640	802	973	1148	1331	1505	1689	1851	1987
Boundary layer meteorology	109	293	468	641	803	974	1150	1332	1506	1691	1851	1988
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- large scale	113	299	475	649	809	979	1158	1339	1513	1697	1853	1994
- mesoscale	116	302	479	651	812	984	1160	1342	1517	1699	1855	1994
Convection & cloud microphysics	118	305	481	653	813	986	1161	1343	1518	1700	1856	1995
Rainfall processes	121	308	481	656	816	989	1163	1344	1521	1701	1857	1996
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- primary data capture	141	323	498	673	833	1007	1183	1363	1538	1719	1870	2006
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- geodesy	143	325	503	675	835	1010	1185	1365	1540	1722	1872	2008
- numerical & image analysis	144	326	504	676	835	1011	1187	1368	1542	1726	1876	2010
- geographic information systems												
- methodology	146	327	506	679	839	1014	1188	1370	1544	1729	1878	2013
- error, accuracy, quality, legislation	146	-	507	679	839	1015	1190	-	1546	1732	1880	-
- software & systems	147	328	507	679	840	-	1191	1373	1546	1733	1881	2014
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Applications												
- atmosphere	151	331	510	683	842	1016	1196	1376	1549	1736	1881	2018
- lithosphere	152	333	512	685	843	1019	1197	1377	1551	1738	1882	2019
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- human	159	347	521	694	852	1029	1207	1387	1568	1748	1886	2027
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REGIONAL INDEX	176	361	535	710	867	1045	1222	1401	1584	1763	1899	2039

Abbreviations and acronyms

ACARS = Aircraft Communications, Addressing and Reporting System
ACRE = automatic calculation of rainfall erosivity
AIDJEX = Arctic Ice Dynamics Joint Experiment
ALOMAR = Arctic Lidar Observatory for Middle Atmosphere Research
AMBIACE = Amazon Biogeochemistry Experiment
AMIP = Atmospheric Model Intercomparison Project
AMS = accelerator mass spectrometry
APAR = absorbed photosynthetically active radiation
APARE = Asian North Pacific Regional Experiment
APSIS = Athenian Photochemical Smog Intercomparison of Simulations
ARARAT = Advanced Radiometric Ray Tracer
ARMA = autoregressive moving average
ARVI = atmospheric resistant vegetation index
ASAR = advanced synthetic aperture radar
ASCAS = Alpine Snow Cover Analysis System
ASTEX/MAGE = Atlantic Stratocumulus Transition Experiment/Marine Aerosol and Gas Exchange
ATKIS = Authoritative Topographic Cartographic Information System
ATMOS = atmospheric trace molecule spectroscopy
ATSR = Along Track Scanning Radiometer
AVHRR = Advanced Very High Resolution Radiometer
AVIM = climate-vegetation interaction model
AVIRIS = Airborne Visible Infrared Imaging Spectrometer
AVVA = aerial video-tape-assisted vulnerability analysis
AWC = available water capacity
BAHC = biological aspects of the hydrological cycle
BET = Brauner-Emmelt-Teller equation
BOFS = Biogeochemical Ocean Flux Study
BOREAS = Boreal Ecosystem Atmosphere Study
BPRP = Bethlehem Precipitation Research Project
BRDF = bidirectional reflectance distribution function
BTEX = benzene, toluene, ethylbenzene, xylene
CAD = computer aided design
CAPE = Convection and Precipitation/Electrification
CAPS = Coupled Atmosphere Plant Snow model
CASE = computer aided software engineering
CCN = cloud condensation nuclei
CCSI = coupled climate-thermodynamic sea ice model
CCTV = closed-circuit television
CEC = cation-exchange capacity
CEDRS = Coastal Engineering Data Retrieval System
CERN = Chinese Ecological Research Network
CFC = chlorofluorocarbon
COADS = Comprehensive Ocean-Atmosphere Data Set
COMMA = Cologne Model of the Middle Atmosphere
CORMIX = Cornill Mixing Zone Expert System
CZCS = Coastal Zone Colour Scanner
DAD = depth-area-duration
DCD = dicyiandiamide
DDT = dichlorodiphenyltrichloroethane
DEM = Digital Elevation Model
DERF = dynamical extended range forecasting
DGPS = differential global positioning system
DKM = digital cartographic model
DLM = Digital Landscape Model
DOAS = differential optical absorption spectroscopy
DOC = dissolved organic carbon
DOM = dissolved organic matter
DON = dissolved organic nitrogen
DORIS = Doppler Orbitography and Radiopositioning Integrated by Satellite
DPIV = digital particle image velocimetry
DRIFT = diffuse reflectance infrared Fourier transform
DSDMAC = distearyl-dimethyl ammonium chloride
DTM = Digital Terrain Model

EASOE = European Arctic Stratospheric Ozone Experiment
ECMWF = European Centre for Medium Range Weather Forecasts
EDI = electronic data interchange
EDM = electronic distance meter
EDTA = ethylenediaminetraacetic
EEC = European Economic Community
EELS = electron energy loss spectroscopy
EEZ = Exclusive Economic Zone
ENRICH = European Network for Research in Global Change
EOS = Earth Observing System
EOS-MODIS = Earth Observing System - Moderate Resolution Imaging Spectroradiometer
EOSDIS = Earth Observing System Data & Information System
EPA = Environmental Protection Agency (USA)
ERBE = Earth Radiation Budget Experiment
ERM = exact repeat mission
ERS = European Remote-Sensing Satellite
ESA = alachor metabolite
ESCAPE = Evaluation of Strategies to address Climate change by Adapting to and Preventing Emissions
ESR = electronic spin resonance
EURAD = European acid deposition model
EVCS = Everglades classification scheme
FAGE = fluorescence assay by gas expansion
FESLM = Framework for Evaluation of Sustainable Land Management
FOSM = first order second method
FPAR = fraction of absorbed photosynthetically active radiation
FTIR = Fourier Transform InfraRed spectroscopy
FYM = farm yard manure
GARP = Global Atmospheric Research Program
GC/C/IRMS = gas chromotograph/combustion furnace/isotope ratio mass spectrometer
GCM = general circulation model
GCOS = Global Climate Observing System
GCTE = Global Change and Terrestrial Ecosystems
GEBA = global energy balance archive
GENESIS = Global Environmental and Ecological Simulation of Interactive Systems
GEOS = Goddard Earth Observing System
GEV = generalised extreme value
GEWEX = Global Energy and Water Cycle Experiment
GIS = geographical information system
GIUH = Geomorphic Instantaneous Unit Hydrograph
GLEES = Glacier Lakes Ecosystem Experimental Site
GLOCHANT = Group of Specialists on Global Change and the Antarctic
GMS = Geostationary Meteorological Satellite
GOES = Geostationary Earth Observing Satellites
GOOS = Global Ocean Observing System
GOSTA = Global Ocean Surface Temperature Atlas
GRAPES = Grapevine Remote Sensing Analysis of Phylloxera Early Stress
GRASS = Geographical Resources Analysis Support System
GRIP = Greenland Ice Core Project
GSI = Geographical Survey Institute
GTOS = Global Terrestrial Observing System
GUI = graphical user interface
GVI = Global Vegetation Index
HADES = High Activity Disposal Experimental Site
HCFC = hydrochlorofluorocarbon
HCH = hexachlorocyclohexane
HCMM = Heat Capacity Mapping Mission
HDP = Human Dimension Programme
HER = hydrologic evaluation of runoff
HFC = hydrofluorocarbon
HILDA = high-latitude exchange/interior diffusion advection model
HIRDLS = High Resolution Dynamics Limb Sounder
HIRS = High Resolution Infrared Radiation Sounder
HOC = hydrophobic organic contaminant
HRTEM = high resolution transmission electron microscopy
HYSIM = Hydrological Simulator Model
IASI = Infrared Atmospheric Sounding Interferometer

IFIM = instream flow incremental methodology
IGAC = International Global Atmospheric Chemistry Project
IGBP = International Geosphere-Biosphere Programme
IHS = intensity, hue and saturation
IITA = International Institute of Tropical Agriculture
IPCC = International Panel on Climate Change
IPEI = ionospheric plasma and electrodynamics instrument
IRS = Indian Remote Sensing Satellite
ISAMS = Improved Stratospheric and Mesospheric Sounder
ISCCP = International Satellite Cloud Climatology Project
ITCZ = intertropical convergence zone
JGOFS = Joint Global Ocean Flux Study
JPEG = Joint Photographic Experts Group
LAI = leaf area index
LAS = linear alkylbenzene sulphonate
LEAFS = laser excited atomic fluorescence spectrometric method
LIDAR = laser remote sensing system
LIS = land information system
LITE = lidar in space technology experiment
LNAPL = light non-aqueous phase liquids
LOICZ = land-ocean interactions in the coastal zone
MAB = Man and the Biosphere Programme
MAGIC = Model of Acidification of Groundwater in Catchments
MARKAL = market allocation model
MCP = multi channel cloud pyranometer
MCS = mesoscale convective system
MIR = Millimetre-wave Imaging Radiometer
MODIS = Moderate Resolution Imaging Spectrometer
MOMS = Modular Optoelectronic Multispectral Stereo Scanner
MONTBLEX = Monsoon Trough Boundary Layer Experiment
MPDI = Microwave Polarization Difference Index
MSFD = Mixed Spectral Finite Difference model
MSS = multispectral scanner
MST = Mesosphere Stratosphere Troposphere radar
MTBE = methyl t butyl ether
MTPE = Mission to Planet Earth
NADW = North Atlantic Deep Water
NAPL = nonaqueous phase liquid
NASP = North Atlantic Seaboard Programme
NCAR = National Centre for Atmospheric Research (USA)
NCEP = National Centre for Environmental Protection (USA)
NDVI = Normalized Difference Vegetation Index
NIST = National Institute of Standards and Technology
NLEAP = nitrogen leaching and economic analysis package
NLIS = National Land Information System
NMR = nuclear magnetic resonance
NTF = British Standard 7576 (data standard)
NZLRI = New Zealand Land Resource Inventory
OCDD = octachlorodibenzo-p-dioxin
OCDF = octachlorodibenzofuran
ODP = Ocean Drilling Program
OSCAR = oil spill contingency and response
OSL = optically simulated luminescence
PADIS = Pan African Development Information System
PAGES = past global changes
PAH = polycyclic aromatic hydrocarbon
PAR = photosynthetically active radiation
PC = personal computer
PCB = polychlorinated biphenyl
PCDD/F = polychlorinated dioxin & dibenzofuran
PELC = Pan European Landcover Database
PILPS = land surface parameterization scheme
PLACE = parameterization for land-atmosphere-cloud exchange
PLEC = population, land management and environmental change
POCP = photochemical ozone creation potential
POLDER = polarization and directionality of the earths reflectance

PRARE = Precise Range and Range-Rate Experiment
PSCF = potential source contribution function
PSNT = pre-sidedress soil nitrate test
PTTL = photo-transferred thermoluminescence dating
Py-FIMS = pyrolysis-field ionization mass spectrometry
PZC = point zero charge
QUASAR = quality simulation along rivers
RAISON = regional analysis by intelligent systems on a microcomputer
RAMS = Regional Atmospheric Modelling System
RASCALS = Research on Atlantic Shallow Coastal and Littoral Systems
REE = rare earth element
RIVPACS = river invertebrate prediction and classification system
rms = root mean squared
RUSLE = Revised Universal Soil Loss Equation
RZWQM = ARS Root Zone Water Quality Model
SAGE = Stratospheric Aerosol & Gas Experiment
SALMIS = San Antonian Labour Market Information System
SALSA = Semi-Arid Land Surface Atmosphere Program
SAR = synthetic aperture radar
SCAPE = Shenandoah Cloud and Photochemistry Experiment
SCAR = Scientific Committee on Antarctic Research
Sea WiFS = sea-viewing wide field of view sensor
SEM = scanning electron microscope
SERCON = system for evaluating rivers for conservation
SHARE = Southern Hemisphere Auroral Radar Experiment
SICI = small ice cap instability
SLBS = sea and land breeze system
SNC meteorite = Shergotty-Nakala-Chassigny meteorite
SPALNA = Soil and Plant Analytical Laboratories Network of Africa
SPHERE = systeme prototype historique des etudes et recherches
SPOT = systeme pour l'observation de la terre
SRB = Surface Radiation Budget Climatology Project
SSM/I = Special Sensor Microwave Imager
STARMA = space-time autoregressive moving average
START = system for analysis, research and training
STOIC = Stratospheric Ozone Intercomparison Campaign
SVAT = Soil-Vegetation-Atmosphere Transfer model
SWAMP = Southwest Area Monsoon Project
SWIR = short wave infrared data
TAHBIS = Tropical Atmosphere Hydrosphere Biosphere Integrated Study
TCLP = toxicity characteristic leaching procedure
TDCN = topologically distinct channel network
TDR = time domain reflectometry
TEM = total extractable matter
TIBL = thermal internal boundary layer
TICN = topologically identical channel network
TIMS = thermal infrared multispectral scanner
TL = thermoluminescence
TM = Thematic Mapper
TNT = trinitrotoulene
TOGA-COARE = Tropical Oceans Global Atmosphere - Coupled Ocean Atmosphere Response Experiment
TOGA-TOA = Tropical Ocean and Global Atmosphere - Tropical Atmospheric Ocean
TOMS = Total Ozone Mapping Spectrometer
TOVS = The TIROS Operational Vertical Sounder
TSSAO = tropical-subtropical semi-annual oscillation
UARS = upper atmosphere research satellite
UN = United Nations
UNECE = The United Nations Economic Commission for Europe
UNEP = United Nations Environment Programme
UNFCC = United Nations Framework Convention on Climate Change
UQL = upper quasi-homogeneous layer
USGS = United States Geological Survey
USLE = Universal Soil Loss Equation
VHDR = volumetric hyplolimnetic depletion rate
VIPS = Videolab Image Processing System
VISSR = Visible and Infrared Spin Scan Radiometer

VLBI = very long baseline interferometry
VLDB = very large data base
VOC = volatile organic compound
WAVES = Women accepted for volunteer emergency service
WBF = Wegner-Bergeron-Findeison process
WCP = World Climate Program
WCRP = World Climate Research Programme
WDI = water deficit index
WEPP = Water Erosion Prediction Project
WWW = world wide web
X-SAR = X-band synthetic aperture radar
XRD = X-ray diffraction
XRF = X-ray fluorescence

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AI Applications
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Moravian Geographical Reports
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NAFO Scientific Council Studies
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NGT Geodesia - Kartografisch Tijdschrift
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